

PLUS Search Results for S/N 09/920,927, Searched December 10, 2001 (Top 50)

6165873	6235627	5492850	5516719	6235572
6072241	6248654	5654567	5721154	4606011
6140673	6271573	6069038	5789289	4786954
6200855	6071799	6150183	5850091	4873559
6218235	6091154	5017982	5885865	4894695
6218235	6211047	5260600	5943582	4956692
6251721	6211047	5362686	6033967	4970564
6287914	5670431	5447881	6066538	4974040
6204161	5451539	5447882	6087217	4985368
6078073	5468671	5470776	6103571	5021357

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09/920,927 on December 10, 2001

Combined Classifications

16 438/396
11 438/253
7 257/306
6 438/397
5 257/301
5 438/241
4 257/758
4 438/255
4 438/738
3 148/DIG 14
3 365/149
3 438/240
3 438/254
3 438/398
3 438/595
3 438/618
2 257/296
2 257/297
2 257/303
2 257/770
2 438/248
2 438/256
2 438/258
2 438/393
2 438/533
2 438/587
2 438/597
2 438/624
2 438/656
2 438/785

- 16 438/396 (7 OR, 9 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
- 438/381 MAKING PASSIVE DEVICE (E.G., RESISTOR,
CAPACITOR, ETC.)
438/396 .Stacked capacitor
- 11 438/253 (4 OR, 7 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
- 438/142 MAKING FIELD EFFECT DEVICE HAVING PAIR OF
ACTIVE REGIONS SEPARATED BY GATE STRUCTURE BY
FORMATION OR
ALTERATION OF SEMICONDUCTIVE ACTIVE REGIONS
- 438/197 .Having insulated gate (e.g., IGFET, MISFET,
MOSFET, etc.)
438/238 ..Including passive device (e.g., resistor,
capacitor, etc.)
438/239 ...Capacitor
438/253Stacked capacitor
- 7 257/306 (4 OR, 3 XR)
Class 257 : ACTIVE SOLID-STATE DEVICES
257/213 FIELD EFFECT DEVICE
257/288 .Having insulated electrode (e.g., MOSFET, MOS
diode)
257/296 ..Insulated gate capacitor or insulated gate
transistor combined with capacitor (e.g., dynamic
memory
cell)
257/306 ...Stacked capacitor
- 6 438/397 (0 OR, 6 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
- 438/381 MAKING PASSIVE DEVICE (E.G., RESISTOR,
CAPACITOR, ETC.)
438/396 .Stacked capacitor
438/397 ..Including selectively removing material to
undercut and expose storage node layer
- 5 257/301 (2 OR, 3 XR)
Class 257 : ACTIVE SOLID-STATE DEVICES
257/213 FIELD EFFECT DEVICE
257/288 .Having insulated electrode (e.g., MOSFET, MOS
diode)
257/296 ..Insulated gate capacitor or insulated gate
transistor combined with capacitor (e.g., dynamic
memory
cell)
257/301 ...Capacitor in trench
- 5 438/241 (3 OR, 2 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
- 438/142 MAKING FIELD EFFECT DEVICE HAVING PAIR OF

ACTIVE REGIONS SEPARATED BY GATE STRUCTURE BY FORMATION OR

ALTERATION OF SEMICONDUCTIVE ACTIVE REGIONS

438/197 . Having insulated gate (e.g., IGFET, MISFET, MOSFET, etc.)

438/238 .. Including passive device (e.g., resistor, capacitor, etc.)

438/239 ... Capacitor

438/241 And additional field effect transistor (e.g., sense or access transistor, etc.)

4 257/758 (0 OR, 4 XR)
Class 257 : ACTIVE SOLID-STATE DEVICES
257/734 COMBINED WITH ELECTRICAL CONTACT OR LEAD
257/741 . Of specified material other than unalloyed aluminum
257/750 .. Layered
257/758 ... Multiple metal levels on semiconductor, separated by insulating layer (e.g., multiple level metallization for integrated circuit)

4 438/255 (3 OR, 1 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/142 MAKING FIELD EFFECT DEVICE HAVING PAIR OF ACTIVE REGIONS SEPARATED BY GATE STRUCTURE BY FORMATION OR

ALTERATION OF SEMICONDUCTIVE ACTIVE REGIONS

438/197 . Having insulated gate (e.g., IGFET, MISFET, MOSFET, etc.)

438/238 .. Including passive device (e.g., resistor, capacitor, etc.)

438/239 ... Capacitor

438/253 Stacked capacitor

438/255 Including texturizing storage node layer

4 438/738 (0 OR, 4 XR)
Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/689 CHEMICAL ETCHING
438/706 . Vapor phase etching (i.e., dry etching)
438/735 .. Differential etching of semiconductor substrate
438/737 ... Substrate possessing multiple layers
438/738 Selectively etching substrate possessing multiple layers of differing etch characteristics

3 148/DIG 14 (0 OR, 3 XR)
Class 148 : METAL TREATMENT
148/DIG 14 CAPACITOR

3 365/149 (1 OR, 2 XR)
Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL
365/129 SYSTEMS USING PARTICULAR ELEMENT
365/149 . Capacitors